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(54) Title: TREATMENT OF T CELL MEDIATED DISEASES BY INHIBITION OF FGFR3

(57) Abstract: The present invention provides a method of preventing and treating a T cell mediated disease, including inflammatory autoimmune diseases and in particular rheumatoid arthritis, by administering to an individual in need thereof at least one FGFR 3 inhibitor including a molecule comprising the antigen-binding portion of an antibody having a specific affinity for fibroblast growth factor receptor 3 (FGFR3), a FGFR3 specific small organic molecule tyrosine kinase inhibitor, a FGFR3 specific soluble receptor, a FGFR3 peptide or peptidomimetic, a FGFR3 specific RNA inhibitor, a FGFR3 specific antagonist ligand or a DNA vaccine encoding FGFR3 or a fragment thereof, or an inhibitor of heparan sulfate binding.